

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. § 371		Attorney's Docket Number 044921-5038-02
International Application. No.	International Filing Date	U.S. Application No. 10/501933 Unassigned
PCT/US03/03194	January 31, 2003	Priority Dates Claimed January 31, 2002, March 15, 2002 and December 30, 2002

Title of Invention: MOLECULAR HEPATOTOXICOLOGY MODELING

Applicants For EO/EO/US: Donna MENDRICK, Mark PORTER, Kory JOHNSON, Brandon HIGGS,
Arthur CASTLE and Michael ELASHOFF

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a FIRST submission of items concerning a filing under 35 U.S.C. § 371.
2. ☐ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. § 371.
3. ☐ This express request to begin national examination procedures (35 U.S.C. § 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. § 371(b) and PCT Articles 22 and 39(I).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. § 371(c)(2))
 - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☒ A copy of the International Application as filed has been transmitted by the International Bureau.
6. ☐ A translation of the International Application into English (35 U.S.C. § 371(c)(2)).
7. ☐ Applicant(s) hereby assert(s) small entity status under 37 C.F.R. § 1.27.
8. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3)).
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
9. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. § 371(c)(3)).
10. ☐ An oath or declaration of the inventors (35 U.S.C. § 371(c)(4)).
11. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. § 371(c)(5)).

Items 12. to 15. below concern other document(s) or information included:

12. ☐ An Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98.
13. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. § 3.28 and § 3.31 is included.
14. ☒ A FIRST preliminary amendment.
15. ☐ A SECOND or SUBSEQUENT preliminary amendment.
15. ☒ Other items or information:
PCT/IB/304, PCT/IB/308, PCT/IB/318, WO 03/064624, PCT/ISA/220, PCT/RO/101, International Search Report w/ PTO 1449 (PCT/ISA/210), Copy of CD ROM containing a Sequence Listing

U.S. APPLICATION NO. **10/501933** | INTERNATIONAL APPLICATION NO. **WO 03/064624** | ATTORNEY DOCKET NUMBER **044921-5038-02**
PCT/US03/03194

16. ☒ The following fees are submitted:

Basic National Fee (37 C.F.R. § 1.492(a)(1)-(5)):

Search Report has been prepared by the EPO or JPO.....\$920.00

International preliminary examination fee paid to
USPTO (37 C.F.R. § 1.482).....\$730.00

No international preliminary examination fee paid to
USPTO (37 C.F.R. § 1.482) but international search fee
paid to USPTO (37 C.F.R. § 1.445(a)(2)).....\$770.00

Neither international preliminary examination fee
(37 C.F.R. § 1.482) nor international search fee
(37 C.F.R. § 1.445(a)(2)) paid to USPTO.....\$1,080.00

International preliminary examination fee paid to USPTO
(37 C.F.R. § 1.482) and all claims satisfied provisions
of PCT Article 33(2)-(4).....\$100.00

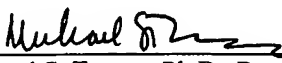
ENTER APPROPRIATE BASIC FEE AMOUNT = \$ 730.00

Surcharge of \$130.00 for furnishing the oath or declaration later than
☐ 20 ☐ 30 months from the earliest claimed priority date
(37 C.F.R. § 1.492(e)).

Claims	Number Filed	Number Extra	Rate	
Total Claims	65 - 20 =	45	45 X \$18.00	\$ 810.00
Independent Claims	12 - 3 =	9	9 X \$86.00	\$ 774.00
Multiple dependent claim(s) (if applicable)			+ \$290.00	\$
TOTAL OF ABOVE CALCULATIONS				\$2,314.00
Reduction by ½ for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (Note 37 C.F.R. §§ 1.9, 1.27, 1.28)				-\$
SUBTOTAL =				\$2,314.00
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. § 1.492(f)).				+\$
TOTAL NATIONAL FEE =				\$2,314.00
Fee for recording the enclosed assignment (37 C.F.R. § 1.21(h)). The Assignment must be accompanied by an appropriate cover sheet (37 C.F.R. §§ 3.28, 3.31). \$40.00 per property				\$
TOTAL FEES ENCLOSED =				\$2,314.00
Amount to be refunded				\$
Amount to be charged				\$2,314.00

- a. ☐ A check in the amount of \$_____ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. 50-0310 in the amount of **\$2,314.00**
to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. ☒ **Except** for issue fees payable under 37 C.F.R. § 1.18, the Commissioner is hereby authorized
by this paper to charge any additional fees during the entire pendency of this application
including fees due under 37 C.F.R. § 1.16 and § 1.17 which may be required, or credit any
overpayment to Deposit Account No. 50-0310.

Customer No. 09629
SEND ALL CORRESPONDENCE TO:
Morgan, Lewis & Bockius LLP
1111 Pennsylvania Avenue, N.W.
Washington, D.C. 20004
Telephone: (202) 739-3000
Facsimile: (202) 739-3001


Michael S. Tuscan, Ph.D., Reg. No. 43,210
Date: July 20, 2004